

## CLAIMS

1. A protective shield (1) for protecting the eyes against smoke and adapted to be applied to the upper portion of the face of a user around the eyes, and  
5 including locking means (2) suitable for temporarily fixing it to a face mask (3) such as a mask for supplying breathing gas to an aircraft flight crew member, the shield being characterized by the fact that it includes a display device (5) adapted to enable a user whose face is  
10 covered by the shield (1) to view information in the user's field of view, said information serving in particular to provide assistance in flying.
2. A shield according to claim 1, in which the display  
15 device (5) is placed outside the shield (1) when the shield (1) is covering the face of the user.
3. A shield according to claim 1, in which the display device (5) includes light transmission means (6) disposed  
20 inside the shield (1) when the shield (1) is covering the face of the user.
4. A shield according to any preceding claim, in which the display device (5) is a device for projecting a light  
25 signal onto the retina.
5. A shield according to any preceding claim, in which the display device (5) is removably mounted.
- 30 6. Head protection equipment, in particular for aircraft flight crew, the equipment comprising:
- a face mask (3) adapted to be applied in use to the lower portion of the face of a user around the user's nose and mouth, and to supply the user with breathing  
35 gas; and
  - a protective shield (1) for protecting the eyes and adapted to be applied to the upper portion of the

user's face around the eyes, and including locking means (2) adapted to fix the shield on the face mask (3) in temporary manner;

the equipment being characterized by the fact that  
5 it includes a display device (5) adapted to enable the user whose face is covered by the shield (1) to view information in the user's field of view, in particular information for providing assistance in flying.

10 7. Equipment according to claim 6, including connection means (9) adapted to transmit information from the mask to the display device (5).

8. A storage box adapted to receive a protective shield  
15 (1) according to any one of claims 1 to 5, when the shield (1) is provided with the information display device (5).

9. A storage box according to claim 8, including a light  
20 transmission system (18) adapted to convey a light signal (17) from the display device (5) out from the storage box (13), thereby constituting a light signal that is visible to a user without it being necessary for the user to extract the shield (1) from the storage box (13).

25 10. A storage box according to claim 8 or claim 9, including connection means (9) for the display device (5) to transmit information from the storage box to the shield (1) or to a face mask (3) when the mask is placed  
30 on the face of the user.